



Montana
Office of Public Instruction
Denise Juneau, State Superintendent

Content Standards Informer

Curriculum and Instruction Unit



JUNE 2012

Montana Common Core Standards and Assessment (MCCS)

Please visit the Getting Ready MCCS Web page for new 30-minute or less [webinars](#), Text Complexity, Mathematical Practices: Highlights, Focus and Coherence: Big Ideas & Progressions. The Webinar materials (e.g., PowerPoint, links, handouts, guide for use of materials, etc.) are organized and packaged for your use after viewing the webinar. The Office of Public Instruction is eager to receive comments on the Webinars and other resources located on the MCCS Web page.

Early Grades

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English/Language Arts

Cynthia Green, English/Language Arts Curriculum Specialist
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Montana Common Core Standards and Assessments

Literacy Across All Content Areas

Yes, that means you, technical subject areas!

August 9th, 2012

8:30-3:30

Red Lion Colonial Inn

(406)443-2100

Helena, Montana

This professional development is **free** courtesy of the Office of Public Instruction and limited to 180 participants. Lunch is not included. Register now at

<http://www.opi.mt.gov/Curriculum/MontCAS/literacyreg.php>

For attending not only do you get a wealth of knowledge, you get 6 PIR renewal units and a **free** copy of the Montana Common Core Standards!



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Text Complexity and the Montana Common Core Standards

What is text complexity and how can you bring it into your schools and classrooms? Please make the time to learn about Standard 10- Text Complexity.

20 minute Text Complexity Webinar

<http://connect.opi.mt.gov/p4m8vmym17/?launcher=false&fcsContent=true&pbMode=normal>

PowerPoint of Text Complexity Webinar with handouts attached

<http://opi.mt.gov/pdf/CCSSO/11Text-Complexity-PPT-Plus-Addl-Docs.pdf>

Transitions to the Montana Common Core Standards and Assessments Teaching the Writing Strand of the MCCS: - July 2 – August 10, 2012

- The Teaching the Writing Strand of the MCCS course will be offered online July 2 - August 10, 2012, with credit granted through Montana State University. The registration deadline is June 30, 2012.
- The purpose of this course is to increase understanding of the writing strand of the MCCS and to help participants integrate the MCCS writing standards into their classrooms.
- Dr. Dana Haring, who has taught middle school writing for 19 years, will facilitate the course.
- Participant interaction will occur via weekly webinars and online Learning Community Discussions.
- This class, pending approval from MSU, will be 2 graduate credits for \$135, or 30 OPI Renewal Units for free, or audit. It is being offered to educators wishing to become more familiar with the new writing demands of the MCCS.
- If you, or a teacher you know, want to know how to implement the writing strand of the Montana Common Core Standards effectively in the classroom, [sign up here!](#)

Space is limited to 25 participants and will fill on a first-come, first-served basis. Please visit the main [Montana Common Core Standards and Assessments \(MCCS\)](#) Web page for further information.

Library-Information Literacy

Colet Bartow, Library-Information Literacy Curriculum Specialist
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Mathematics

Jean Howard, Mathematics Curriculum Specialist
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National High School Center hosts June 2012 College and Career Readiness Webinar Series

The National High School Center will host a series of webinars during the month of June on college and career readiness (CCR). Nationally recognized experts and practitioners in the field of college and career readiness will share their perspectives on defining and actualizing college and career readiness for all students. Webinars will occur every Tuesday in June from 3:00 – 4:30 P.M. EDT, and registration is for individual webinars or the entire series. The schedule is as follows:

- June 5, 2012: The Complexity of College and Career Readiness
- June 12, 2012: College and Career Readiness and Linked Learning
- June 19, 2012: College and Career Readiness and Students with Disabilities
- June 26, 2012: Aligning Resources, Structures and Supports for Actualizing College and Career Readiness.

To register for or learn more about the series, [please visit the National High School Center Web site.](#)

The NCSM *Moving the Common Core State Standards from Vision to Action* provides a unique 3-day high-energy, highly motivational summer retreat to help you with your implementation plans for the Common Core in your state and district starting next school year.

Pittsburgh, Pennsylvania on June 25-27 or in Sonoma County (Santa Rosa) California on July 31 - August 2, 2012!

As with past leadership academies, it promises to be a transformational experience for you and your colleagues.

- You will be provided with a rich professional learning experience designed for mathematics education leaders, teachers, coaches and administrators.
- You will learn and apply key strategies for implementing the content standards for the CCSSM as described by the grade-level and course-level Domains, research-informed best practices in teaching and learning aligned with the *Standards for Mathematical Practice* and you will design formative and summative assessment practices as described in the new vision for K-12 assessment of the CCSS.
- You will leave with practical information, great resources, insightful ideas, and action-based strategies for the 2012-13 school year. Nationally recognized presenters Diane Briars, Skip Fennell, Timothy Kanold, Suzanne Mitchell, Jonathan Wray, Beth Kobett, and Kit Norris, will lead the academies in either Pittsburgh or Santa Rosa.

For more information, visit our Web site at: mathedleadership.org.

NCSM: Mathematics Education LinkedIn message: Mathematics education: how it can be made more interesting and student friendly in 11th and 12th standard?

Another site you may find interesting as well: "Earth killer – composite trigonometry CO2 graph" from NOAA is worth a look.

<http://www.intmath.com/blog/how-to-make-math-class-interesting>

Congratulations University and Arlee Schools

Mathematics Teacher Education Partnership - Montana

The University of Montana-Missoula **

Missoula County Public Schools

Arlee Schools

These schools are involved in a 30-state partnership that seeks to support transition to the Mathematics Common Core State Standards. Thirty-eight teams including 68 public universities, nine community colleges, 87 school systems, state education departments and other stakeholders from 30 states comprise the Mathematics Teacher Education Partnership. This group, a new effort of the Association of Public and Land-grant Universities (APLU) Science and Mathematics Teacher Imperative, will work together to transform mathematics teacher preparation programs in support of the new Common Core State Standards. The MTE-Partnership is funded in part by the National Science Foundation with a planning grant of \$200,000. For more information on the MTE-Partnership, read the full press release or contact co-directors Gary Martin or Howard Gobstein.

NYC Department of Education develops Common Core-aligned units

The New York City Department of Education maintains a Common Core library that contains sample Common Core-aligned units for pre-K through 12th grade in both ELA and mathematics. In addition, certain units include an interactive element that allows the viewer to see annotated student work. The interactive component includes the task, a rubric, samples of student work and supporting materials for the unit. A video introduction is available on the site to walk new users through the available resources, including how to navigate the online interactive for student work.

Progression Document for the Common Core Math Standards

Funded by the Brookhill Foundation: <http://ime.math.arizona.edu/progressions>

- Draft 3–5 progression on Number and Operations—Fractions
- Data part of the K–5 progression on Measurement and Data
- Draft K–5 Progression on Number and Operations in Base Ten

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- Draft K–5 Progression on Counting and Cardinality and Operations and Algebraic Thinking (Now includes all of K–5)
- Draft 6–8 Progression on Expressions and Equations
- Draft 6–7 Progression on Ratios and Proportional Relationships
- Draft 6–8 Progression on Statistics and Probability
- Draft High School Progression on Statistics and Probability

ASCD offers a new institute series and free webinars to help educators nationwide implement, the Common Core State Standards

ASCD is offering a new institute series and free webinars to help educator's nationwide implement the new Common Core State Standards. There will be a series of institutes for both the ELA and math standards that will conclude in early June. All of ASCD's Common Core institutes will be led by national experts who will introduce strategies and plans for determining readiness, new curriculum and assessment tools, and instructional shifts for the new ELA and math standards. To see the complete list of cities and dates for all of ASCD's Common Core institutes, visit the series homepage.

In addition, ASCD is offering a series of free webinars on the common core. The first webinar was held on March 13 and focused on creating communities of support for implementing the Common Core Standards. The next webinar was April 3; attendees at this webinar learned how to develop formative and summative classroom assessments to prepare teachers and students for the new demands of the Smarter Balanced Assessment Consortium and the Partnership for Assessment of Readiness for College and Careers, supported student learning, and aligned to the Common Core standards. To listen to archived webinars and to register for upcoming ASCD webinars on the common core, please visit the ASCD Web site or the "past and upcoming events" section of the newsletter.

e-Mentoring for Student Success (eMSS) from the New Teacher Center (NTC) provides a cost-effective, high-quality, research-based, content specific solution by offering support to beginning teachers in math, science and special education. . . . Anytime, Anywhere. Schools can enroll one beginning teacher or one hundred. By partnering with NTC, states and districts can fulfill their obligations to give all new teachers the support they need to thrive and survive even when faced with limited resources or personnel: <http://www.newteachercenter.org/emss>.

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Transitions to the Montana Common Core Standards and Assessments MCCSM: Standards for Mathematical Practices - July 9 – August 10, 2012.

- The MCCSM: Standards for Mathematical Practices course is offered online July 9 - August 10, 2012, with credit granted through Montana State University. The registration deadline is July 6, 2012.
- The purpose of this course is to increase understanding of the Montana Common Core Standards for Mathematics and to help participants become skillful users of the Standards for Mathematical Practices in their classrooms.
- Lisa Scott, of Lisa Scott Mathematics Education Consulting, LLC, will facilitate the course.
- Participant interaction will occur via weekly webinars and online Learning Community Discussions.
- This class, pending approval from MSU, is 2 graduate credits for \$135, or 30 OPI Renewal Units for free. It is being offered to educators wishing to deepen their understanding of mathematical practices.
- If you, or a teacher you know, want to know how to implement mathematical practices effectively in the classroom, [sign up here!](#)

Space is limited to 25 participants and will fill on a first-come, first-served basis. Please visit the main [Montana Common Core Standards and Assessments \(MCCS\)](#) Web page for further information.

Science

Kristen Crawford, Science Curriculum Specialist
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National Research Council to Develop Framework for New Science Assessments

With a first draft of the common science standards expected to be released soon, the National Research Council is gearing up to help states figure out the best way to assess the scientific knowledge and skills to be expected of students. [Read More](#)

A very rare astronomical event is coming up soon: a Venus transit. Visible from about half the surface of Earth, Venus will show itself (to those viewing it through special vision-saving solar filters) as a small black dot passing across the face of the Sun. The next one won't occur for 105 years! Find out more about this special kind of eclipse and how to view it safely at the new Venus transit fun fact page at <http://spaceplace.nasa.gov/venus-transit>.